

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|-------|---------------------|
| 1 | 5763 | 235/375.ccls. 235/380-381.ccls. 235/449.ccls. 235/451.ccls. 235/492-493.ccls. | USPAT | 2004/02/17 13:32 |
| 2 | 274 | 725/1-6.ccls. | USPAT | 2004/02/17 13:32 |
| - | 136 | 725/\$.ccls. and banking | USPAT | 2003/04/04 13:51 |
| - | 39 | 725/\$.ccls. and banking and PIN | USPAT | 2002/08/12 16:06 |
| - | 0 | 725/\$.ccls. and cardreader and PIN | USPAT | 2002/08/12 16:06 |
| - | 43 | 725/\$.ccls. and (card adj reader) and PIN | USPAT | 2002/08/12 16:13 |
| - | 35 | 725/6.ccls. | USPAT | 2002/08/12 16:17 |
| - | 25 | 725/6.ccls. and remote | USPAT | 2002/08/12 16:17 |
| - | 4 | 725/6.ccls. and (bankcard or "bank card") | USPAT | 2002/08/12 16:21 |
| - | 1 | 725/6.ccls. and (bankcard or "bank card") and pin | USPAT | 2002/08/12 16:23 |
| - | 4 | 725/6.ccls. and (debitcard or "debit card" or bankcard or "bank card") and pin | USPAT | 2002/08/12 16:23 |
| - | 10 | 725/6.ccls. and (debitcard or "debit card") | USPAT | 2002/08/12 16:23 |
| - | 4 | 725/6.ccls. and (debitcard or "debit card") and pin | USPAT | 2002/08/12 16:47 |
| - | 14 | 725/6.ccls. and card same (microprocessor or chip) | USPAT | 2002/08/12 16:49 |
| - | 6 | 725/6.ccls. and ("bank card" or "atm card" or "credit card") same (microprocessor or chip) | USPAT | 2002/08/12 16:51 |
| - | 948 | ("bank card" or "atm card" or "credit card") same (microprocessor or chip) | USPAT | 2002/08/12 16:51 |
| - | 84 | ("bank card" or "atm card" or "credit card") same (embedded near10 (microprocessor or chip)) | USPAT | 2002/08/12 16:51 |
| - | 76 | ("bank card" or "atm card" or "credit card") same (embedded near5 (microprocessor or chip)) | USPAT | 2002/08/12 16:51 |
| - | 19 | 725/4.ccls. | USPAT | 2002/08/13 14:04 |
| - | 125 | 725/1.ccls. | USPAT | 2002/08/13 14:04 |
| - | 23 | 725/5.ccls. | USPAT | 2002/08/13 14:04 |
| - | 465 | ATM and "random number" | USPAT | 2002/08/19 13:56 |
| - | 21 | ATM same "random number" | USPAT | 2002/08/19 13:56 |
| - | 0 | 348/734.ccls. and klaasen.inv. | USPAT | 2003/04/01 14:22 |
| - | 3 | 348/734.ccls. and kla\$6.inv. | USPAT | 2003/04/01 14:22 |
| - | 17 | 348/734.ccls. and card adj reader | USPAT | 2003/04/01 14:31 |
| - | 184 | 725/\$.ccls. and card adj reader | USPAT | 2003/04/01 14:31 |
| - | 31 | 725/\$.ccls. and credit adj card adj reader | USPAT | 2003/04/01 14:31 |

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|---|-----|--|-------|------------------|
| - | 2 | 725/\$.ccls. and credit adj card adj reader same (stb or "set top box" or reciever or IRD) | USPAT | 2003/04/01 14:33 |
| - | 8 | 725/\$.ccls. and card adj reader same (stb or "set top box" or reciever or IRD) | USPAT | 2003/04/01 14:44 |
| - | 1 | magnetic adj card near10 modif\$6 adj data | USPAT | 2003/04/01 14:46 |
| - | 6 | magnetic adj card same modif\$6 same payment | USPAT | 2003/04/01 14:50 |
| - | 17 | smart adj card same modif\$6 same payment | USPAT | 2003/04/02 14:34 |
| - | 103 | smart adj card same conditional adj access | USPAT | 2003/04/02 13:42 |
| - | 13 | smart adj card same (conditional adj access) and payment | USPAT | 2003/04/02 13:50 |
| - | 6 | 725/\$.ccls. and advertis\$6 same view same credit | USPAT | 2003/04/02 13:54 |
| - | 1 | 725/\$.ccls. and neel.inv. | USPAT | 2003/04/02 14:07 |
| - | 3 | 725/\$.ccls. and pugh.inv. | USPAT | 2003/04/02 13:52 |
| - | 1 | 725/\$.ccls. and advertis\$6 same view same point\$ | USPAT | 2003/04/02 14:01 |
| - | 13 | 725/\$.ccls. and advertis\$6 same view same point | USPAT | 2003/04/02 14:01 |
| - | 15 | 725/\$.ccls. and advertis\$6 same view same point\$ | USPAT | 2003/04/02 14:02 |
| - | 38 | 725/8.ccls. | USPAT | 2003/04/02 14:08 |
| - | 8 | candelore.inv. | USPAT | 2003/04/02 14:08 |
| - | 0 | smart adj card same modif\$6 same payment same credit adj card | USPAT | 2003/04/02 14:35 |
| - | 8 | smart adj card same modif\$6 same payment same credit | USPAT | 2003/04/02 14:47 |
| - | 109 | smart adj card same charg\$3 same credit adj card | USPAT | 2003/04/02 15:58 |
| - | 1 | (ppv or vod or nvod) and (smart adj card same charg\$3 same credit adj card) | USPAT | 2003/04/02 14:49 |
| - | 6 | (ppv or vod or nvod or "pay per view" or "video on demmand") and (smart adj card same charg\$3 same credit adj card) | USPAT | 2003/04/02 14:49 |
| - | 4 | smart adj card same recharg\$3 same credit adj card | USPAT | 2003/04/02 16:00 |
| - | 0 | smart adj card same recharg\$3 same bank adj card | USPAT | 2003/04/02 16:00 |
| - | 32 | smart adj card same recharg\$3 | USPAT | 2003/04/02 16:20 |
| - | 0 | "Cubic Transportation Systems " | USPAT | 2003/04/02 16:17 |
| - | 0 | "Cubic Transportation Systems" | USPAT | 2003/04/02 16:17 |
| - | 0 | "Cubic Transportation" | USPAT | 2003/04/02 16:17 |
| - | 29 | "go card" | USPAT | 2003/04/02 16:17 |
| - | 2 | "go card" and cubic | USPAT | 2003/04/02 16:17 |
| - | 5 | smart adj card same recharg\$3 same atm | USPAT | 2003/04/02 16:22 |
| - | 38 | smart adj card same atm adj card | USPAT | 2003/04/02 16:23 |

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| - | 3 | smart adj card same atm adj card same transfer | USPAT | 2003/04/02 16:24 |
| - | 23 | smart adj card same (atm or bank or debit) adj card same transfer | USPAT | 2003/04/02 16:33 |
| - | 1 | 5,501,491.pn. | USPAT | 2003/04/02 16:33 |
| - | 119 | 235/\$.ccls. and smartcard | USPAT | 2003/04/04 13:52 |
| - | 9 | 235/\$.ccls. and smartcard same (charg\$3 or re adj charg\$3) | USPAT | 2003/04/04 15:17 |
| - | 1 | validate same credit same retailer | USPAT | 2003/04/04 15:39 |
| - | 109 | validate same credit same transaction | USPAT | 2003/04/04 15:35 |
| - | 56 | 705/\$.ccls. and validate same credit same transaction | USPAT | 2003/08/25 14:51 |
| - | 111 | 705/\$.ccls. and authorize same credit same transaction | USPAT | 2003/04/04 15:39 |
| - | 7 | authorize same credit same retailer | USPAT | 2003/04/04 15:40 |
| - | 11 | online same credit same retailer | USPAT | 2003/04/04 15:41 |
| - | 1 | online same credit same DES near5 encryption | USPAT | 2003/04/04 15:42 |
| - | 0 | verify same online same retailer | USPAT | 2003/04/04 15:42 |
| - | 1 | verif\$6 same online same retailer | USPAT | 2003/04/04 15:43 |
| - | 40 | verif\$6 same online same transaction | USPAT | 2003/04/04 15:43 |
| - | 4 | verif\$6 same online same transaction same (store or service) | USPAT | 2003/04/04 15:43 |
| - | 0 | verif\$6 same online same transaction same seller | USPAT | 2003/04/04 15:44 |
| - | 0 | verif\$6 same online same secure near5 payment | USPAT | 2003/04/04 15:44 |
| - | 13 | online same secure near5 payment | USPAT | 2003/04/04 15:51 |
| - | 1 | 5,870,155.pn. and des | USPAT | 2003/04/04 15:57 |
| - | 409 | des same encrypt\$3 same random | USPAT | 2003/04/04 15:58 |
| - | 4346 | 725/\$.ccls. des same encrypt\$3 same random | USPAT | 2003/04/04 15:58 |
| - | 24 | 725/\$.ccls. and des same encrypt\$3 same random | USPAT | 2003/04/04 15:58 |
| - | 8 | 725/\$.ccls. and des same encrypt\$3 same random adj number | USPAT | 2003/04/07 09:28 |
| - | 11 | PIN same des same encrypt\$3 same random adj number | USPAT | 2003/04/04 16:00 |
| - | 2 | (directv or "dish network") same smart adj card | USPAT | 2003/08/25 13:23 |
| - | 2 | dbb same smart adj card | USPAT | 2003/08/25 13:24 |
| - | 1 | ("direct broadcast satellite" or dbb) same smart adj card same updat\$3 | USPAT | 2003/08/25 13:49 |
| - | 36 | (satellite or headend or catv or remot\$3) same smart adj card same updat\$3 | USPAT | 2003/08/25 13:50 |
| - | 40 | (satellite or headend or catv or remot\$3) same smart adj card same updat\$3 | USPAT | 2003/08/27 13:18 |
| - | 3 | "conditional access" same smart adj card same updat\$3 | USPAT | 2003/08/25 14:25 |
| - | 202 | random adj number\$1 same pin | USPAT | 2003/08/25 14:26 |
| - | 219 | random adj number\$1 same (pin or "personal identification number") | USPAT | 2003/08/25 14:26 |
| - | 121 | random adj number\$1 with (pin or "personal identification number") | USPAT | 2003/08/25 14:26 |

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|---|------|--|-------|---------------------|
| - | 111 | random adj number\$1 with pin | USPAT | 2003/08/27 13:14 |
| - | 11 | ((credit or smart or debit) adj card) same random adj number\$1 with (pin or "personal identification number") | USPAT | 2003/08/25 14:30 |
| - | 0 | ((credit or smart or debit) adj card) same random adj number\$1 with (pin or "personal identification number") with user adj select\$3 | USPAT | 2003/08/25 14:30 |
| - | 0 | ((credit or smart or debit) adj card) same random adj number\$1 with (pin or "personal identification number") with user\$1 adj select\$3 | USPAT | 2003/08/25 14:31 |
| - | 0 | random adj number\$1 with (pin or "personal identification number") with user\$1 adj select\$3 | USPAT | 2003/08/25 14:31 |
| - | 11 | random adj number\$1 with (pin or "personal identification number") with user\$1 with input\$3 | USPAT | 2003/08/25 14:41 |
| - | 0 | DES adj encrypt\$6 with verif\$7 | USPAT | 2003/08/25 14:41 |
| - | 0 | DES adj encrypt\$6 same verif\$7 | USPAT | 2003/08/25 14:41 |
| - | 19 | DES adj encrypt\$6 with verif\$7 | USPAT | 2003/08/25 14:42 |
| - | 60 | 705/\$.ccls. and validate same credit same transaction | USPAT | 2003/08/25 14:54 |
| - | 13 | 705/\$.ccls. and validate same credit same transaction same (retailer seller store clearinghouse website) | USPAT | 2003/08/25 14:56 |
| - | 12 | 705/\$.ccls. and validate same credit same transaction same (retailer seller store clearinghouse website) | USPAT | 2003/08/25 14:56 |
| - | 13 | 705/\$.ccls. and validate same credit same transaction same (retailer seller store clearinghouse website) | USPAT | 2003/08/25 14:57 |
| - | 185 | 705/\$.ccls. and (validat\$3 authoriz\$6 verif\$6) same credit same transaction same (retailer seller store clearinghouse website) | USPAT | 2003/08/25 15:00 |
| - | 190 | 705/\$.ccls. and (validat\$3 authoriz\$6 verif\$6) with transaction\$1 with (retailer seller store clearinghouse website) | USPAT | 2003/08/25 15:00 |
| - | 130 | 705/\$.ccls. and (validat\$3 authoriz\$6 verif\$6) with credit with (retailer seller store clearinghouse website) | USPAT | 2003/08/25 15:01 |
| - | 48 | 705/\$.ccls. and (validat\$3 verif\$6) with credit with (retailer seller store clearinghouse website) | USPAT | 2003/08/27 14:07 |
| - | 96 | 705/\$.ccls. and (validat\$3 verif\$6) with credit with (retailer\$3 seller\$3 store\$3 clearinghouse\$3 website\$3) | USPAT | 2003/08/25 15:18 |
| - | 6 | 705/\$.ccls. and (validat\$3 verif\$6) with credit with (retailer\$3 seller\$3 store\$3 clearinghouse\$3 website\$3) near5 (id or ident\$6) | USPAT | 2003/08/25 15:20 |
| - | 0 | (6452616.pn. or 5799081.pn. or 5473609.pn.) and (satellite or headend or catv or remot\$3) same smart adj card same updat\$3 | USPAT | 2003/08/27 13:19 |
| - | 7 | ("direct broadcast satellite" or dbs) same smart adj card | USPAT | 2003/08/27 13:28 |
| - | 269 | 725/1-6.ccls. | USPAT | 2004/02/17 13:32 |
| - | 648 | 348/734.ccls. | USPAT | 2003/08/27 14:07 |
| - | 5528 | 235/375.ccls. 235/380-381.ccls. 235/449.ccls. 235/451.ccls. 235/492-493.ccls. | USPAT | 2003/08/27 15:56 |

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|---|------|---|--------------------|---------------------|
| - | 5528 | 235/375.ccls. 235/380-381.ccls. 235/449.ccls. 235/451.ccls. 235/492-493.ccls. | USPAT | 2004/02/17 13:32 |
| - | 1 | 5787154.pn. and random | USPAT | 2004/02/13 13:43 |
| - | 1 | 5475756.pn. and random | USPAT | 2004/02/13 13:44 |
| - | 1 | 5475756.pn. and random and pin | USPAT | 2004/02/13 13:49 |
| - | 0 | 5644354.pn. and random and pin | USPAT | 2004/02/13 13:49 |
| - | 0 | 5644354.pn. and pin | USPAT | 2004/02/13 13:49 |
| - | 0 | random same pin same combin6 | USPAT | 2004/02/13 13:50 |
| - | 2929 | random same pin | USPAT | 2004/02/13 13:50 |
| - | 980 | random with pin | USPAT | 2004/02/13 13:50 |
| - | 18 | random with pin adj number\$1 | USPAT | 2004/02/13 14:44 |
| - | 2 | smartcard with creditcard | USPAT | 2004/02/13 14:45 |
| - | 2 | smartcard with creditcard | USPAT; US-PGPUB | 2004/02/13 14:45 |
| - | 104 | smartcard with credit | USPAT | 2004/02/13 15:09 |
| - | 3 | simcard | USPAT | 2004/02/13 14:47 |
| - | 67 | sim with credit | USPAT | 2004/02/13 15:06 |
| - | 0 | sim with creditcard | USPAT | 2004/02/13 15:07 |
| - | 2 | 725/\$.ccls. and smartcard with credit | USPAT | 2004/02/13 15:12 |
| - | 2 | 725/\$.ccls. and smartcard same credit | USPAT | 2004/02/13 15:12 |
| - | 41 | 725/\$.ccls. and smart\$6 same credit | USPAT | 2004/02/13 15:12 |